

NO. 5025 HEAVY-DUTY

Black & Decker warrants this product for one year from date of purchase. We will repair without charge, any defects due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.

To assure product **SAFETY** and **RELIABILITY**, repairs, maintenance and adjustment (excluding brush replacement) should be performed by **BLACK & DECKER** Service Centers or other qualified service organizations, always using **BLACK & DECKER** replacement parts.

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THE BLACK & DECKER MFG. CO., TOWSON, MD. 21204, U.S.A.

(APR. 77-PS)

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1. **KNOW YOUR POWER TOOL** — Read owner's manual carefully. Learn its applications and limitations as well as the specific potential hazards peculiar to this tool.
2. **GROUND ALL TOOLS — UNLESS DOUBLE-INSULATED.** If tool is equipped with three-prong plug, it should be plugged into a three-hole electrical receptacle. If adapter is used to accommodate two-prong receptacle, the adapter wire must be attached to a **known ground**. **Never** remove third prong.
3. **KEEP GUARDS IN PLACE** and in working order.
4. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
5. **AVOID DANGEROUS ENVIRONMENT.** Don't expose power tools to rain. Don't use power tool in damp or wet locations. And keep work area well lit.
6. **KEEP CHILDREN AWAY.** All visitors should be kept safe distance from work area.
7. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, high or locked-up place — out of reach of children.
8. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
9. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool.
10. **WEAR PROPER APPAREL.** No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.
11. **USE SAFETY GLASSES** with most tools. Also face or dust mask if cutting operation is dusty.
12. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
13. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
14. **DON'T OVERREACH.** Keep proper footing and balance at all times.
15. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp at all times, and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
16. **DISCONNECT TOOLS.** When not in use, before servicing; when changing accessories such as blades, bits, cutters, etc.
17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
18. **AVOID ACCIDENTAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
19. **OUTDOOR USE EXTENSION CORDS**—When tool is used outdoors, use only extension cords suitable for use outdoors and so marked.
20. **DO NOT OPERATE** portable electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

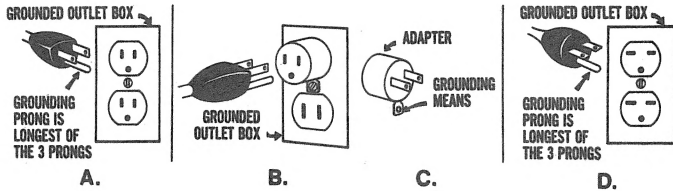
1. Wear safety goggles or other eye protection.
2. Wear ear protectors when hammering for extended periods.
3. Always lock the tool retainer before using Hammer.
4. Always use the side handle supplied with the tool. Keep a firm grip on the Hammer when it is operating.
5. Don't overreach with the Hammer. Maintain a firm balanced working stance. When necessary, use only properly positioned, safe platforms, ladders and scaffolds, to do the job SAFELY!
6. Hammer bits and tools get hot in operation. Wear gloves when touching them.
7. Regularly check tightness of all external screws.

Your Black and Decker tool is powered by a B&D-built motor. Be sure your power supply agrees with voltage marked on nameplate. **Volts 50/60 Hz** means **Alternating Current ONLY**. **VOLTS DC-60 Hz** means it will also operate on **Direct Current**. Voltage variation of more than 10% will cause loss of power and overheating. All B&D tools are factory-tested; if this tool does not operate, check the power supply.

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal.

If your unit is for use on less than 150 volts it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D. An adapter, Figures B and C is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box.

No adapter is available for a plug as shown in Figure D. Adapter shown in Figures B & C is Not for Use in Canada.



We recommend that you **NEVER** disassemble the tool or try to do any rewiring in the electrical system. Any repairs should be performed only by B&D Service Centers or other qualified service organizations. Should you be determined to make a repair yourself, remember that the green colored wire is the "grounding" wire. Never connect this green wire to a "live" terminal. If you replace the plug on the power cord, be sure to connect the green wire only to the grounding (longest) prong on a 3-prong plug.

When using the tool at a considerable distance from power source, an extension cord of adequate size must be used to prevent loss of power and over-heating. Use the table below to determine the power wire size required in an extension cord.

Use only three wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged cords.

Ampere rating (on nameplate)	0 to 2.0	2.10 to 3.4	3.5 to 5.0	5.10 to 7.0	7.10 to 12.0	12.1 to 16.0
Ext. Cable length	Wire Size (A.W.G.)					
25 ft.	18	18	18	18	16	14
50 ft.	18	18	18	16	14	12
75 ft.	18	18	16	14	12	10
100 ft.	18	16	14	12	10	—
150 ft.	16	14	12	12	—	—
200 ft.	16	14	12	10	—	—

INSERTING HAMMER TOOLS

First, swing the Tool Retainer downward—see Fig. E. Insert Hammer Tool shank into nose piece until shoulder on shank bottoms on nose piece. Swing the Tool Retainer back into place so that it engages the shank of the Hammer Tool.

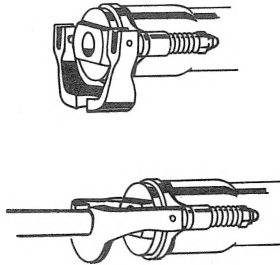


Fig. E

OPERATION

The Super Hammer may be used for demolition, for drilling holes in concrete and other applications requiring a hammering action—see Hammer Tools on next page. The Side Handle may be mounted on either side of the Hammer for greater convenience in floor work and should be tightened firmly with a wrench to prevent loosening when in operation. For horizontal hammering support the tool with one hand under the barrel. (CAUTION: Wear gloves. Barrel becomes hot during use.) The motor is operated by a trigger switch which, when depressed, turns the tool ON, releasing the trigger turns the tool OFF.

Note Carefully the Following:

- 1. In some cases when going from on idling action to a hammering action, it may be necessary to momentarily release the trigger to resume beating.
- 2. The output of this Hammer has been increased appreciably over previous types. With this increased power the following points are important:

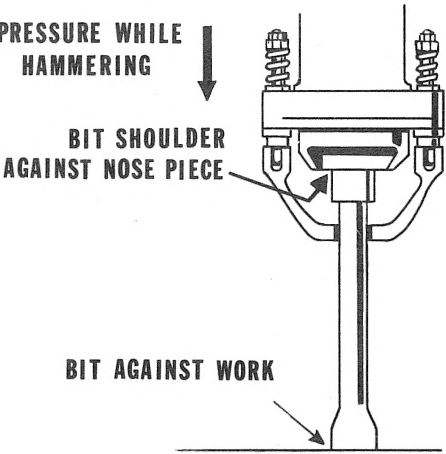


Fig. F

A. When hammering, push the Hammer forward or downward with just enough pressure to keep the shoulder of the bit against the Hammer nose piece (Fig. F). Excessive pressure will actually decrease work output.

OPERATION (Continued)

B. When drilling holes with star drill, swing the accessory turning handle in an arc of between 100° and 180° from 40 to 60 times per minute. This will prevent binding and remove the cuttings.

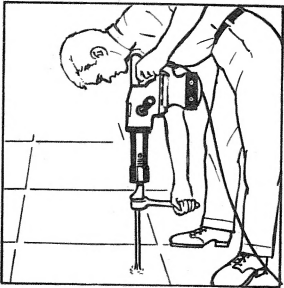
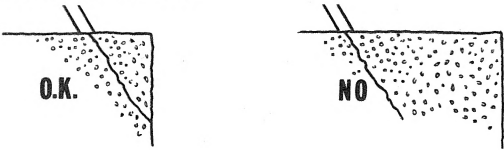


Fig. G

C. For best demolition performance always place the end of the bit close to an edge of the work, breaking the work away piece by piece. Trying to break away too large a chunk may cause the bit to get stuck in the work and may also decrease demolition rate.



LUBRICATION

Your Hammer has been designed to operate for an extended period of time before requiring relubrication. We recommend that after every 75 hours of operation the grease reservoir on the top of the gear case be checked. See Fig. H for disassembly.

Remove the felt wiper and fill the cavity with B&D Gear Grease (See Hammer Supplies). The felt wiper should be soaked in B&D Special Hammer Lubricating Oil.

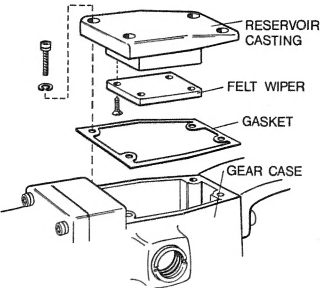


Fig. H

During periods of heavy overhead use, a few squirts of B&D Hammer Oil (See Supplies) should be applied through the nose piece (Fig. J).

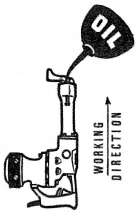


Fig. J

In approximately 3 months (depending upon use) your Hammer should be sent to your local B&D Service Center for a complete cleaning and relubrication. The Hammer will be returned to you completely cleaned and adjusted with new parts installed where necessary.

STAR DRILLS

For 1 1/4" to 2 1/2" holes —

Cat. No.	Point Diam.	Overall Length	Quan. in box	
33757	1 1/4"	18"	1	Shanks fit directly into Hammer nose piece.
33758	1 1/2"	30"	1	
33759	1 3/4"	18"	1	
33760	1 3/4"	30"	1	
33761	1 3/4"	18"	1	
33762	1 1/2"	30"	1	Use Turning Handle No. 33745
33763	1 3/4"	18"	1	
33764	1 3/4"	30"	1	
33765	2"	18"	1	
33766	2"	30"	1	
52652	2 1/2"	19 1/4"	1	

For 1 1/16" to 1 1/2" holes —

Cat. No.	Point Diam.	Overall Length	Quan. in box	
24673	1 1/16"	9"	6	Tapered shanks require extra Chuck Head No. 33747.
23081	3/4"	9"	6	
23082	5/8"	18"	1	
23083	5/8"	24"	1	
7172	13/16"	9"	6	
7097	7/8"	9"	6	Turning Handle No. 33745
9388	5/8"	18"	1	
9390	5/8"	24"	1	
7173	13/16"	9"	6	
7096	1"	9"	6	
9396	1"	18"	1	
9398	1"	24"	1	
10751	1 1/8"	12"	6	
10981	1 1/2"	24"	1	
50065	1 1/4"	14"	1	
50069	1 1/2"	14"	1	

HAMMER TOOLS

	BULL-POINT For demolition drilling.	Cat. No. 33662 12" long Cat. No. 33663 20" long
	CONCRETE SLOTTING TOOL —For slotting in concrete and breaking "web" between star drill holes to break large openings in walls, etc.	Cat. No. 33670 1 1/2" blade, 18" long
	SCALING CHISELS For removing scale and weld spatter.	Cat. No. 34858 2 1/2" blade, 12" long
	COLD CHISELS For chipping, edging, channeling.	Cat. No. 33659 7/8" blade, 20" long Cat. No. 34857 7/8" blade, 12" long
	BUSHING TOOL For surfacing concrete. BUSHING HEAD ONLY Cat. No. 10684 \$8.40	Cat. No. 57122 14 1/2" long
	CLAY SPADE —For digging holes in dirt and clay.	Cat. No. 54296 4 1/2" wide, 5 1/2" long 18" overall length
TOOL BLANKS —Can be forged into any special shapes required for special applications.		Cat. No. 33666 12" long

SELF-DRILLING ANCHORS

The 5025 Hammer will install these anchors with the proper chuck, available to fit each size anchor. Please contact your local distributor for complete information.

HAMMER SUPPLIES

SPECIAL HAMMER LUBRICATING OIL

No. 51314, 4 oz. No. 51315, 16 oz.

GEAR GREASE

No. 60102, 6 oz. Tube. No. 60541, 1 lb. Can.
No. 60542, 5 lb. Can.

DUST SHIELD — For overhead drilling, to keep dust out of nose piece. No. 17747.

DRIFT KEY — To remove tapered shank bits from chuck head. No. 7276 for chuck wrench.

ACCESSORIES

Recommended accessories for use with your Hammer are listed in this manual. CAUTION: The use of any other accessory or attachment might be hazardous.